10/546620

Fig.1

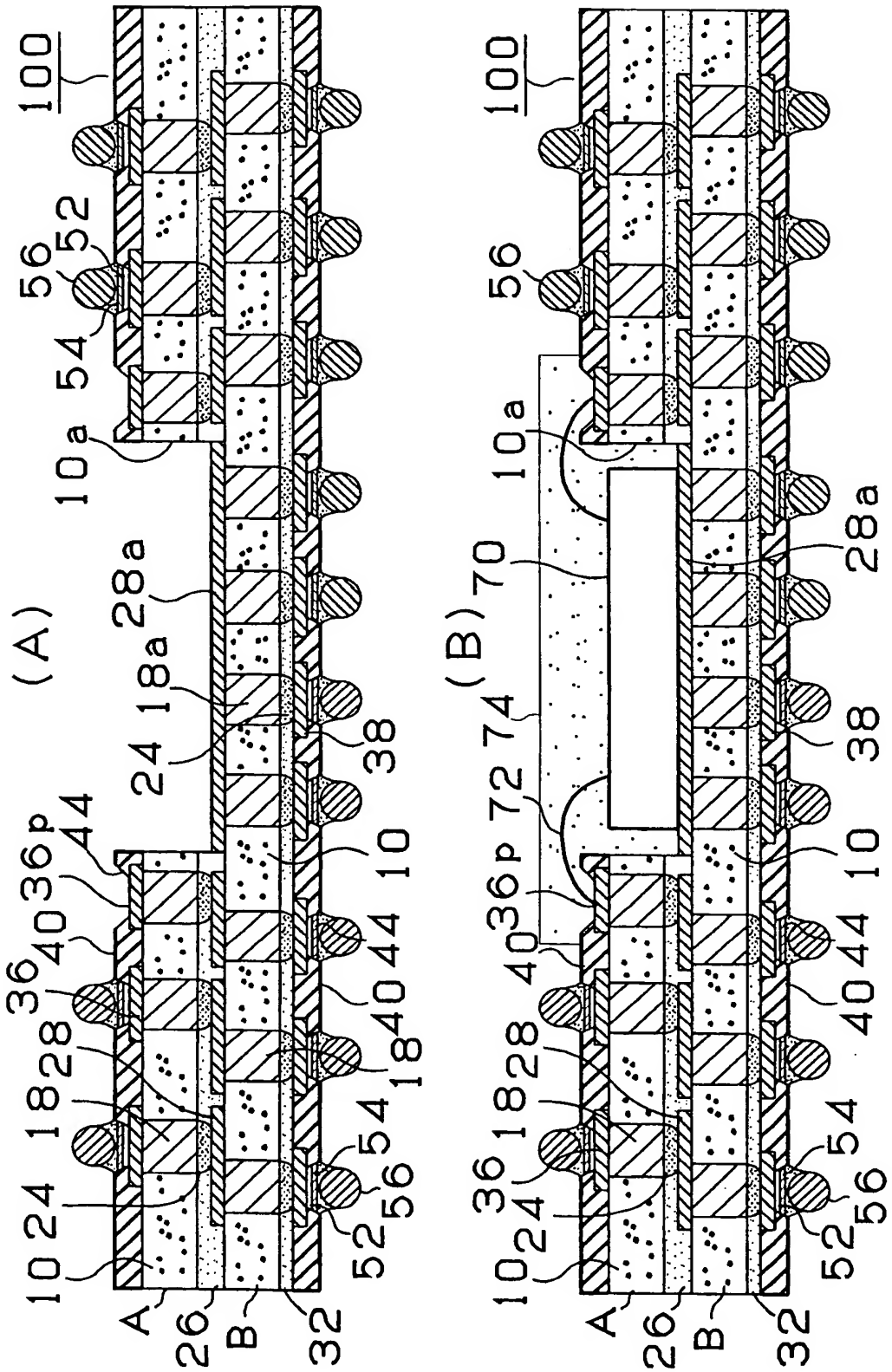

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Fig. 2

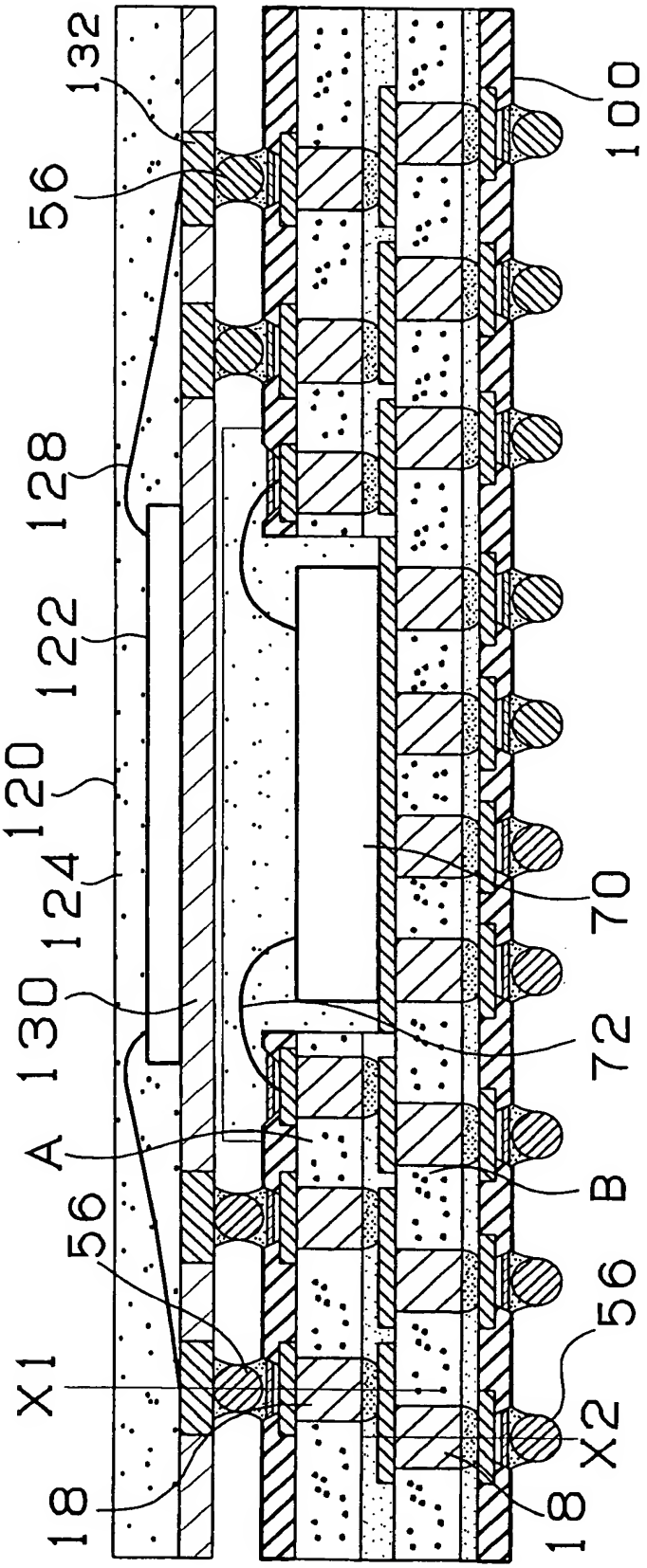

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Fig. 3

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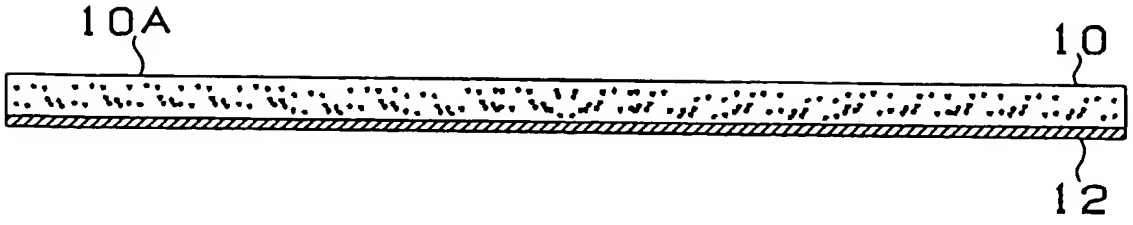

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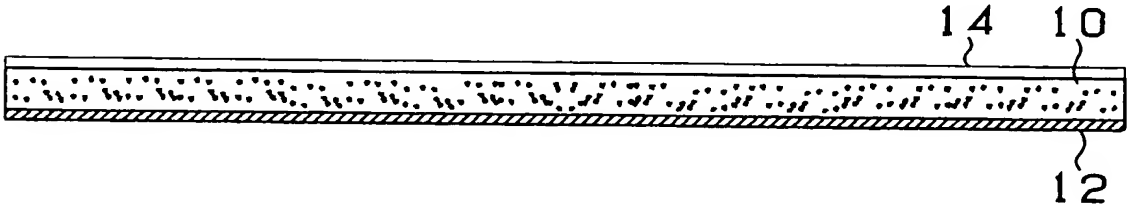

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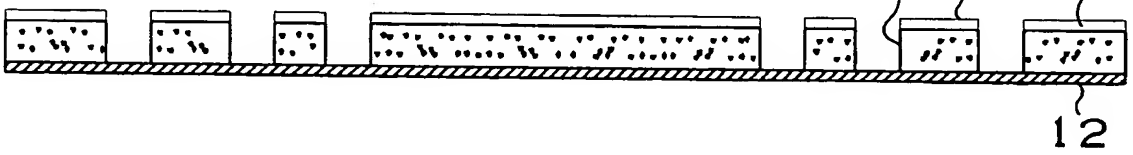

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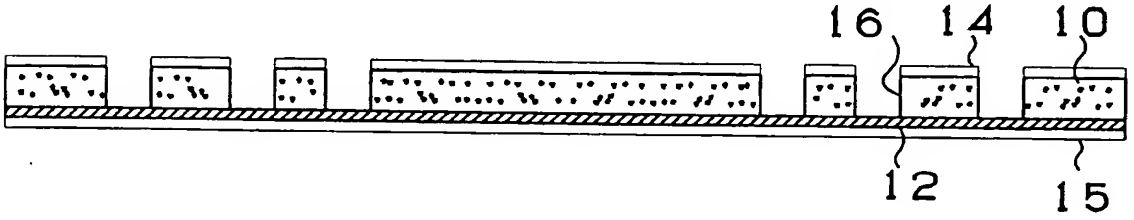

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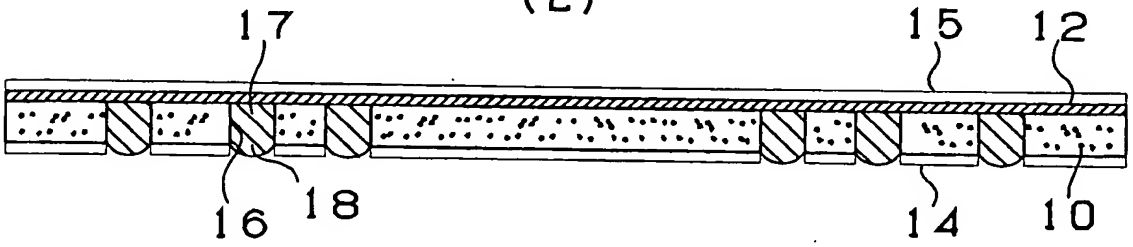

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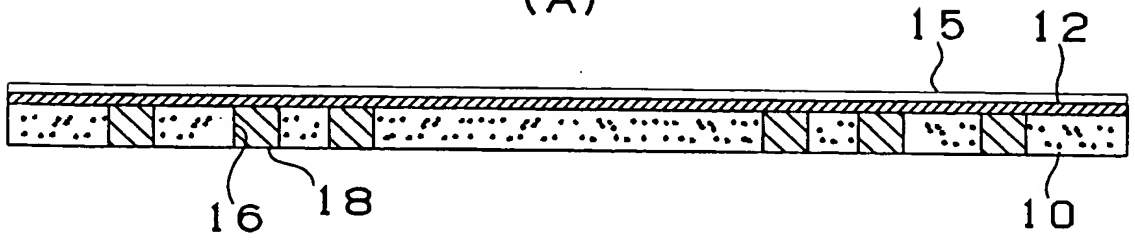
Fig. 4

(A)



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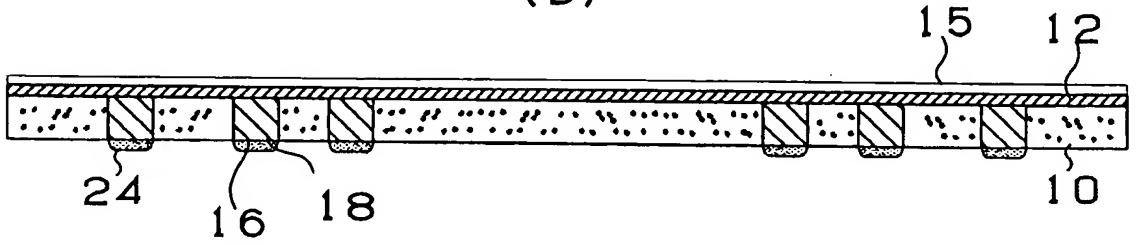

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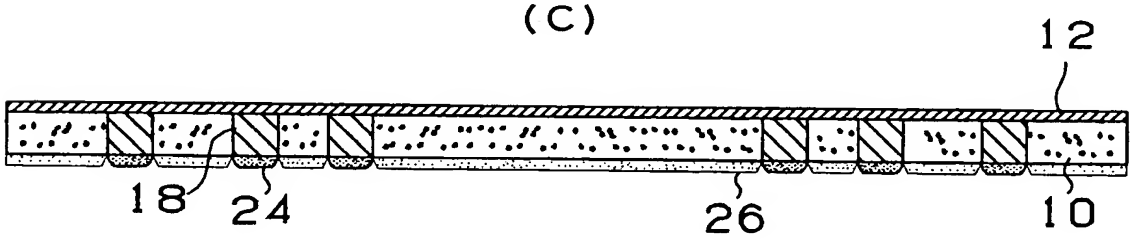

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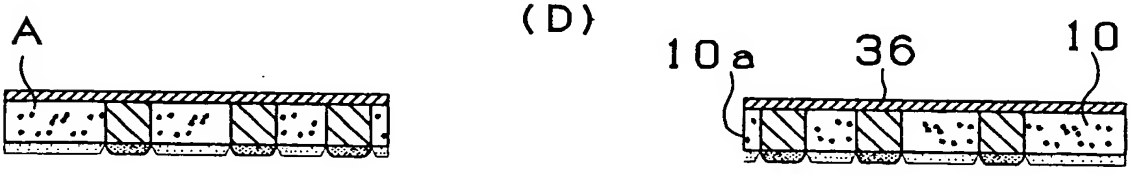

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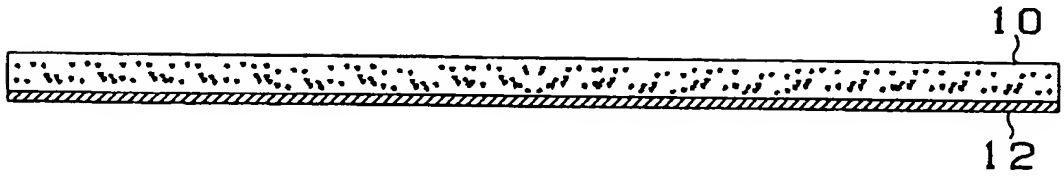
Fig. 5

(A)



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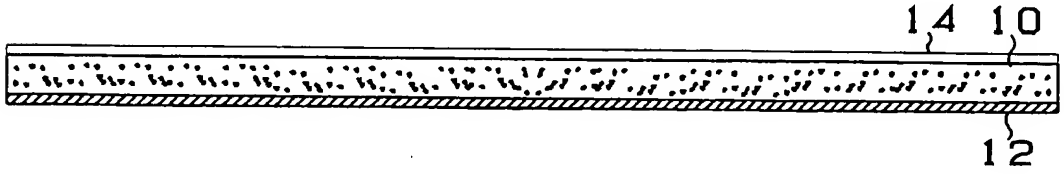

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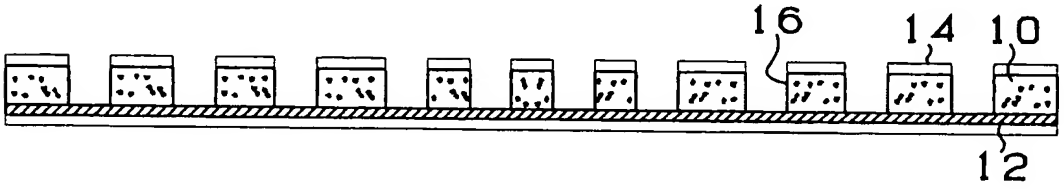

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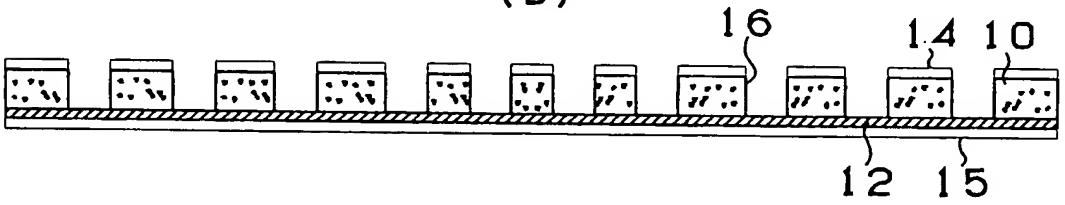

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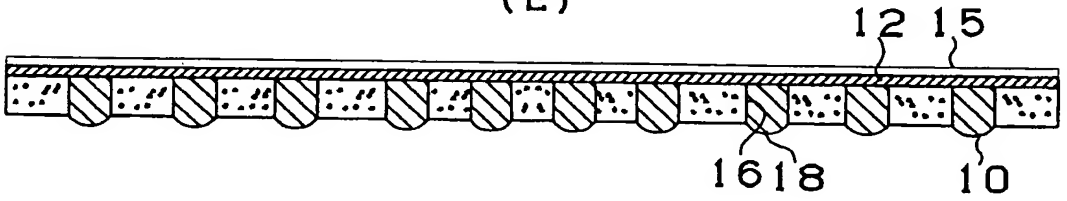

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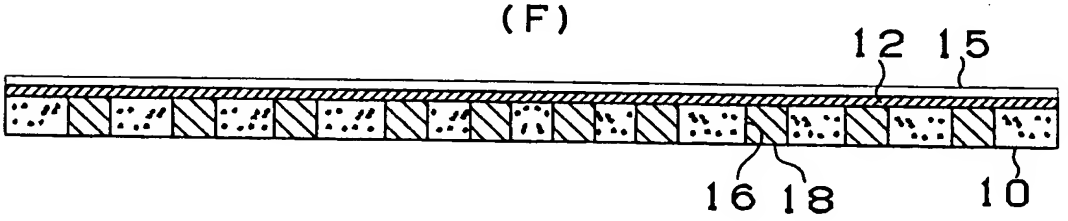

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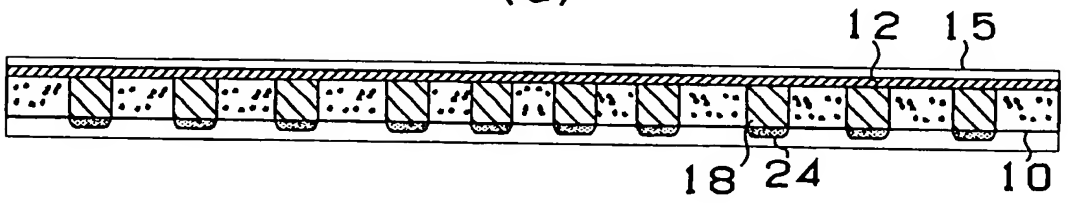

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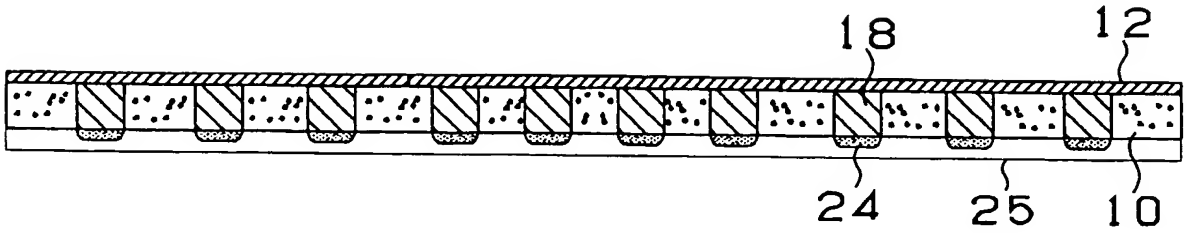
Fig. 6

(A)



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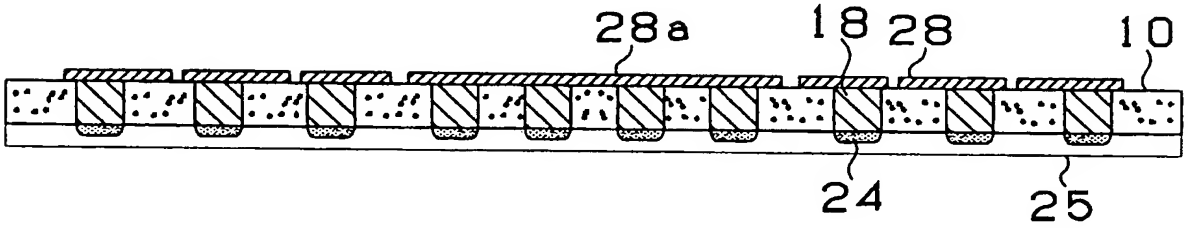

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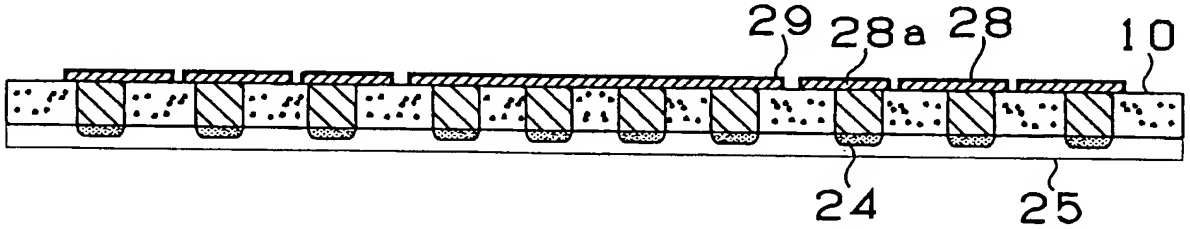

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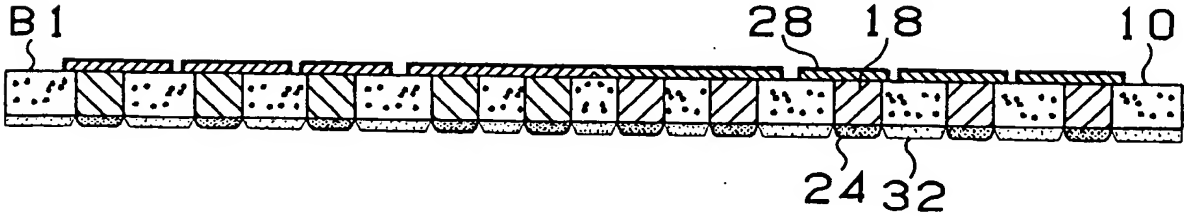

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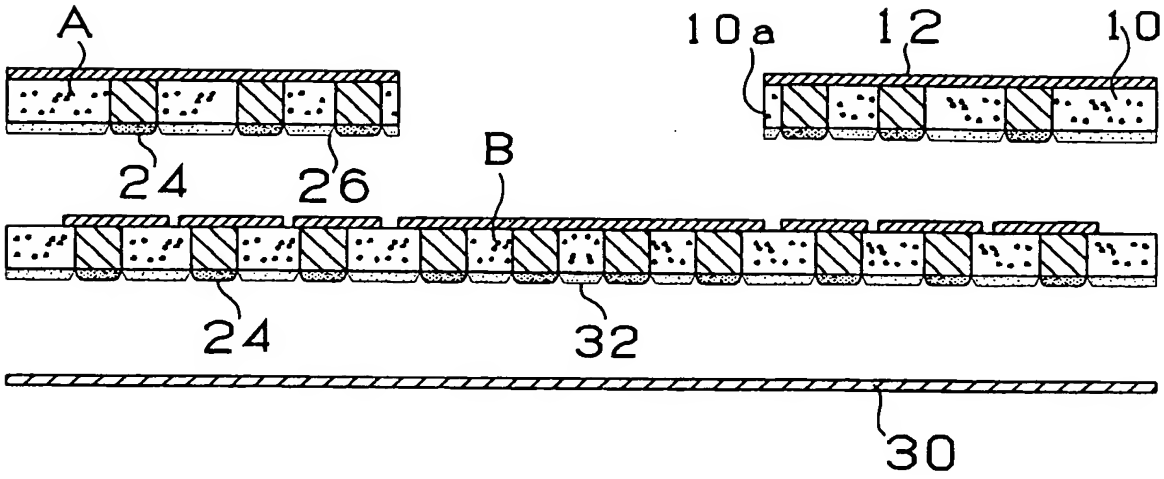
Fig. 7

(A)



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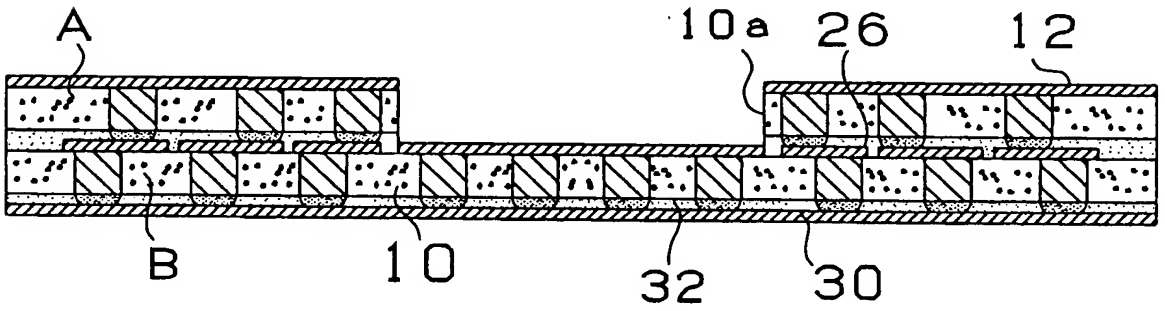

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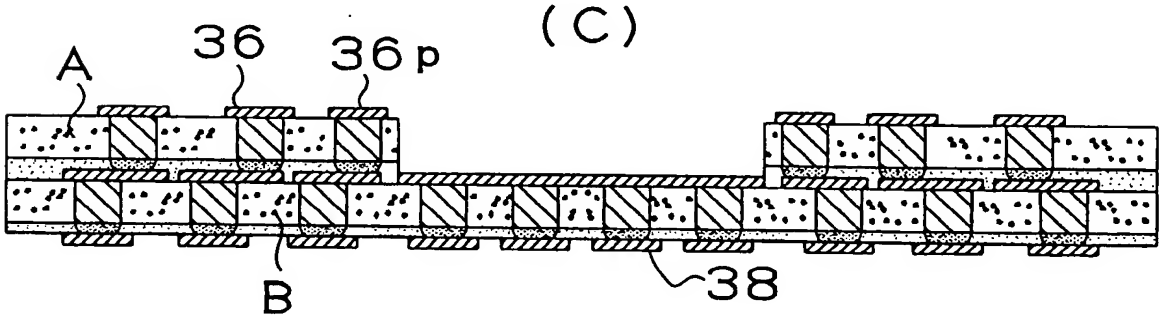

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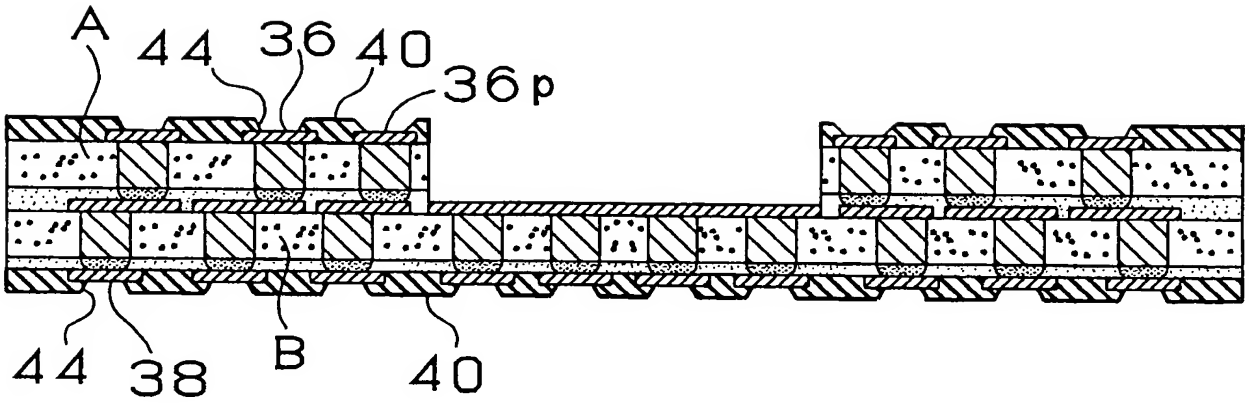
Fig. 8

(A)



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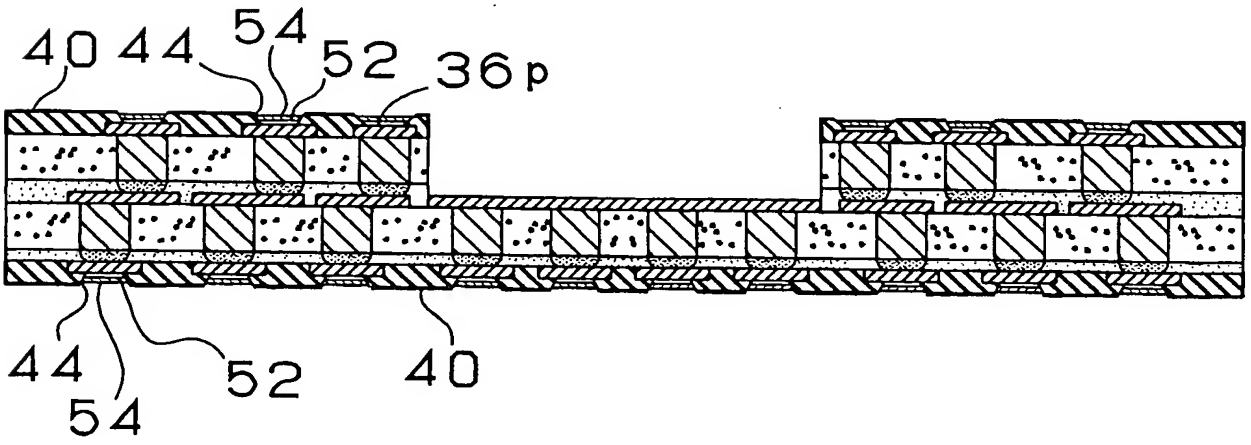
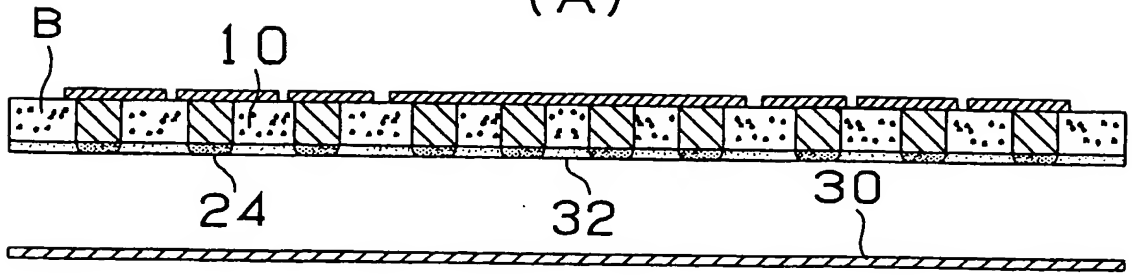


Fig. 9

(A)



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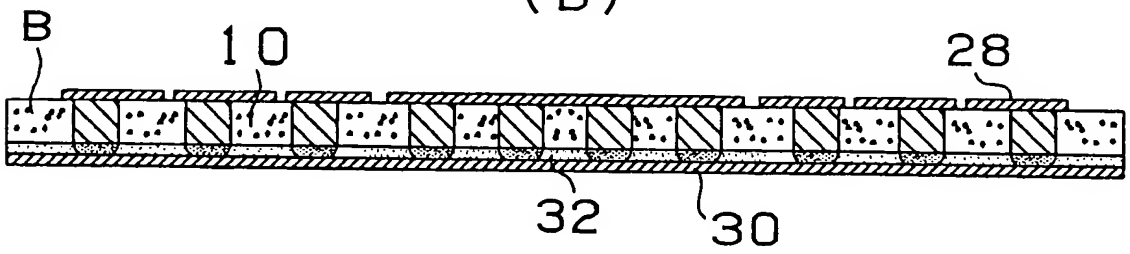

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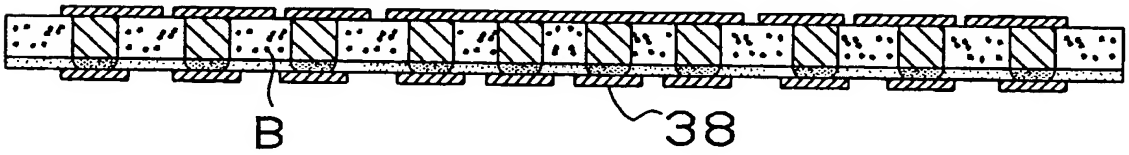

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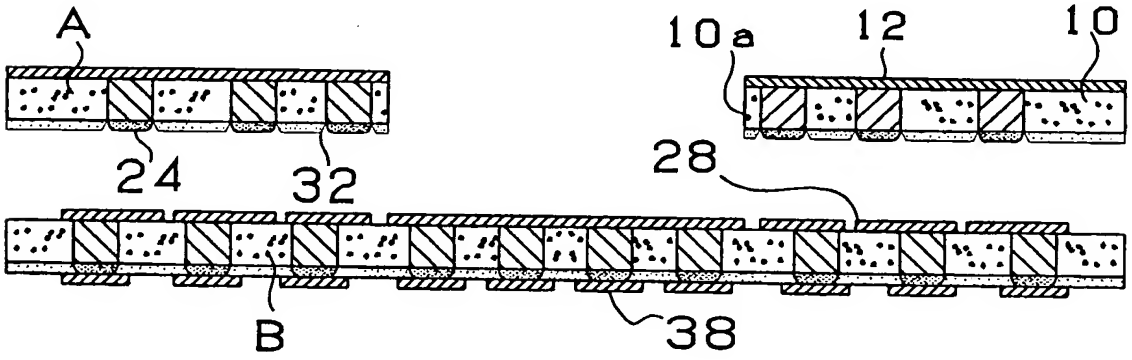

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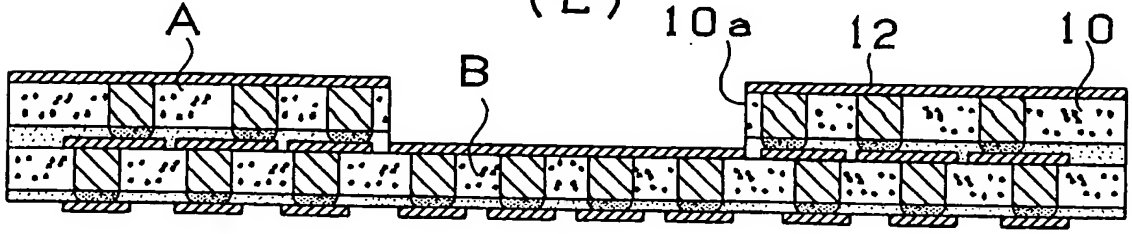
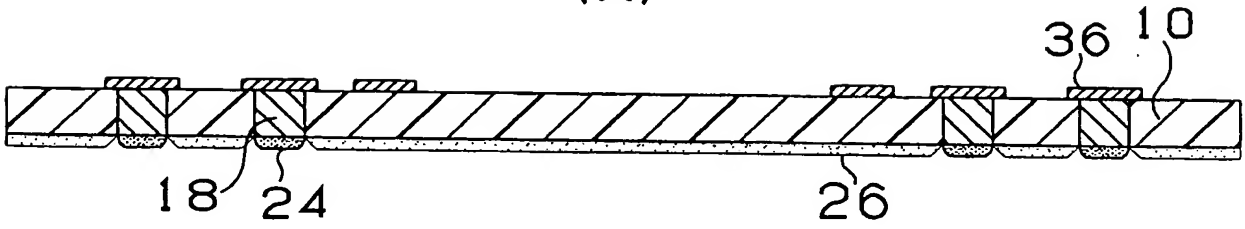


Fig. 10

(A)



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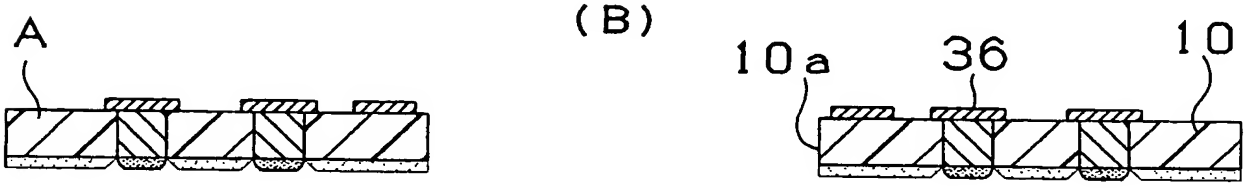

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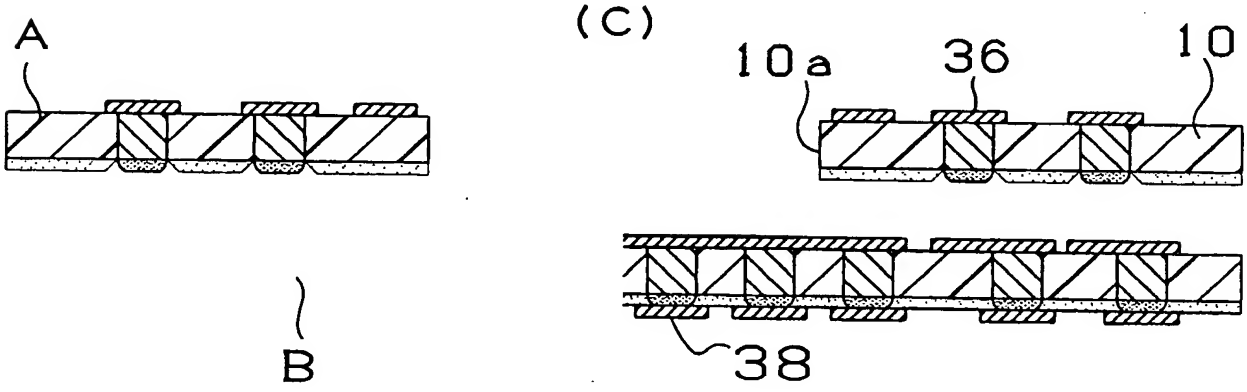

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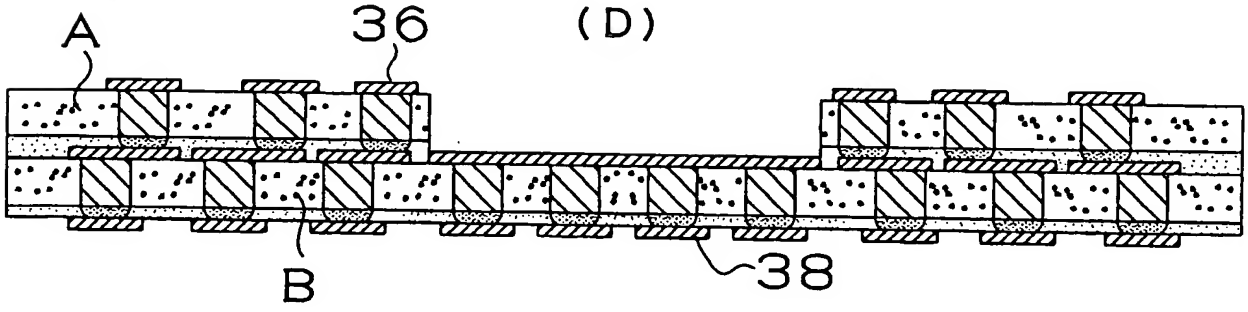

Fig. 11

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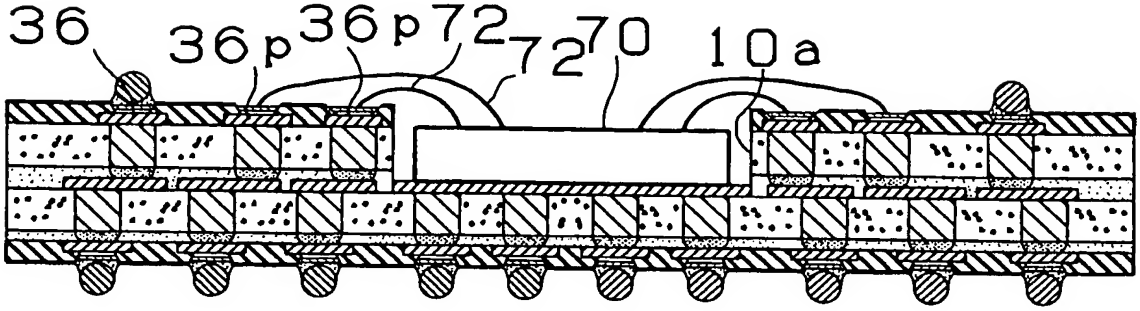

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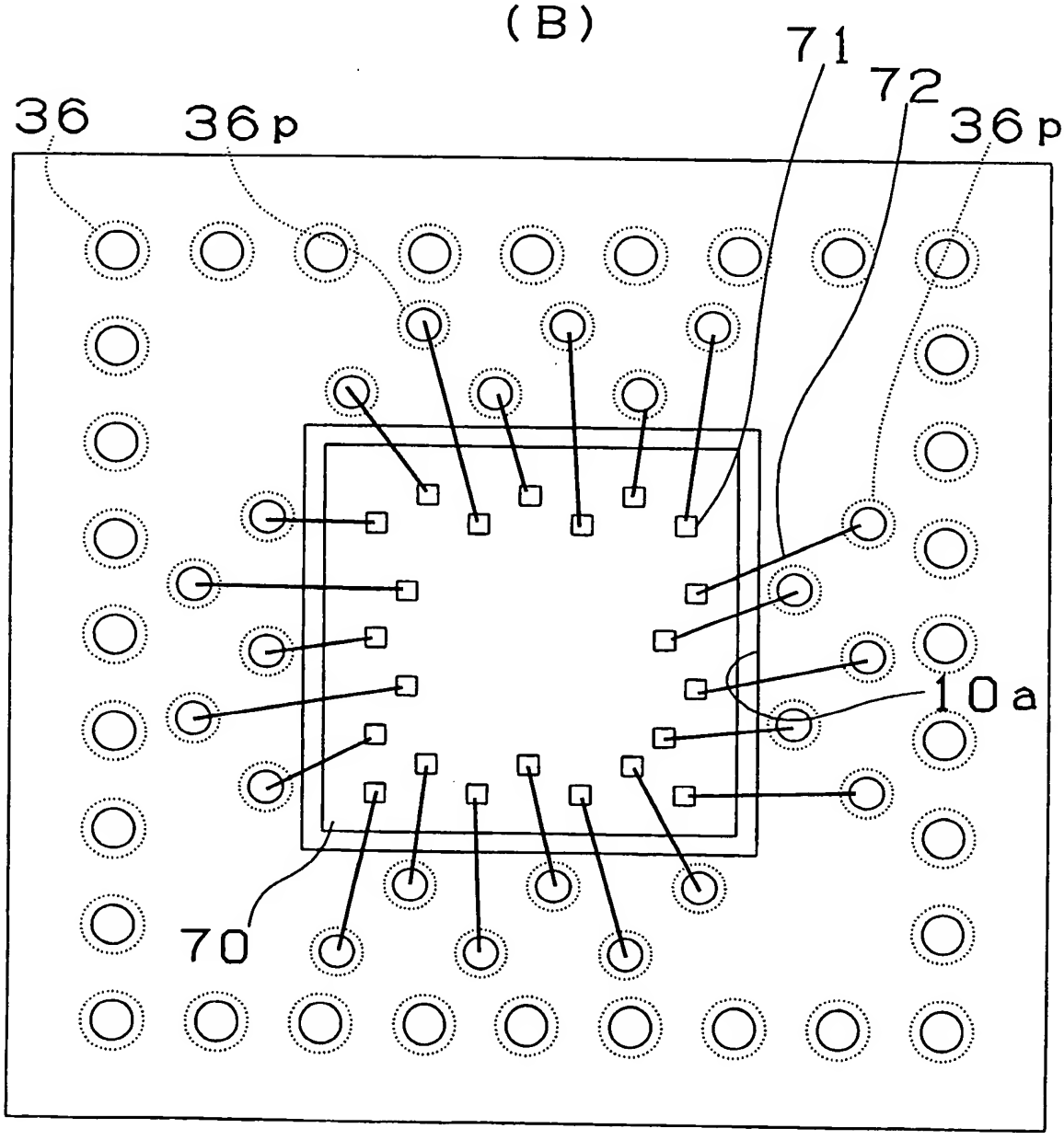

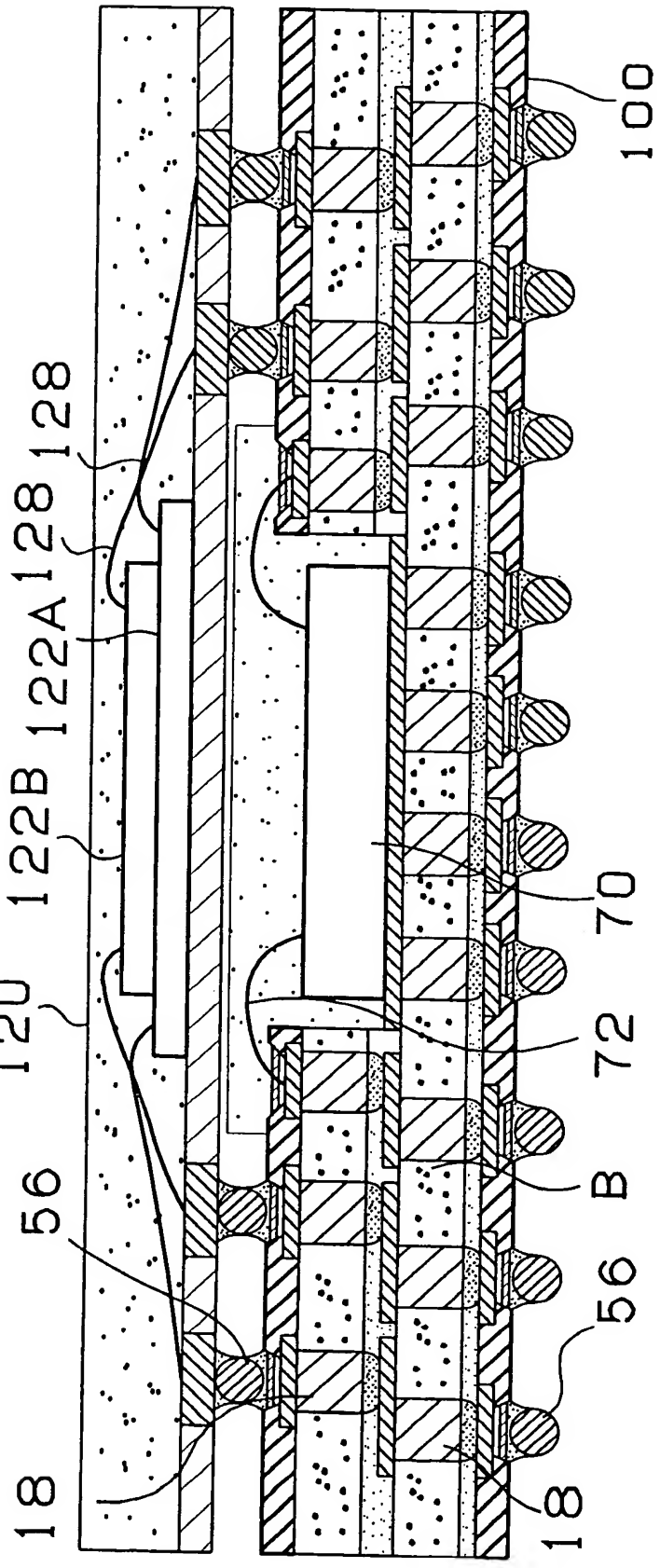

Fig. 12

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Fig. 13

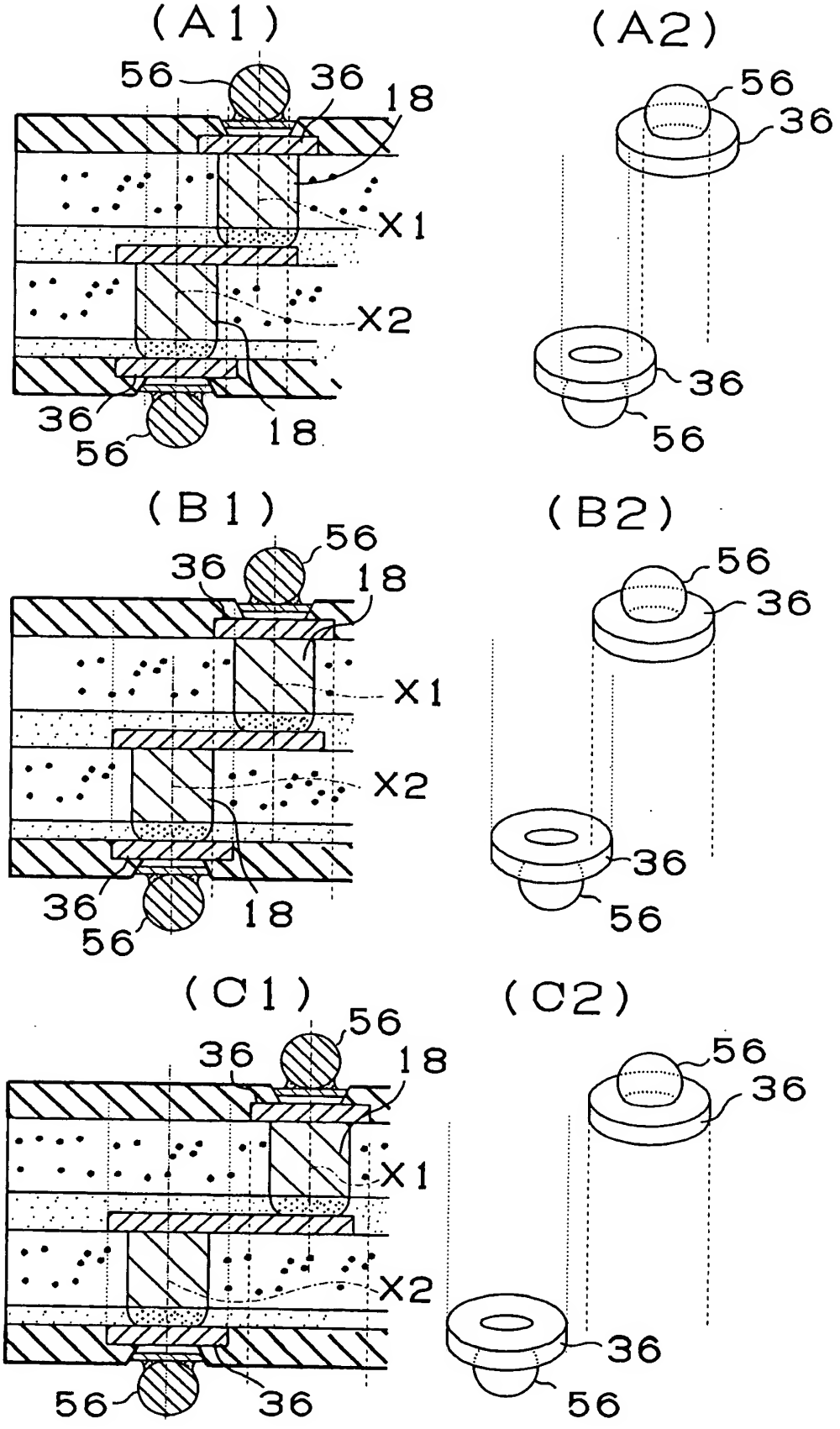

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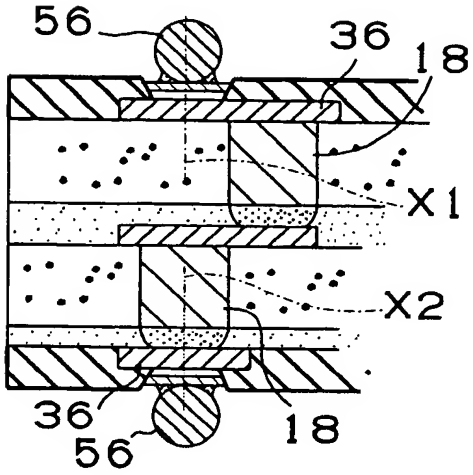
Fig. 14

(A)



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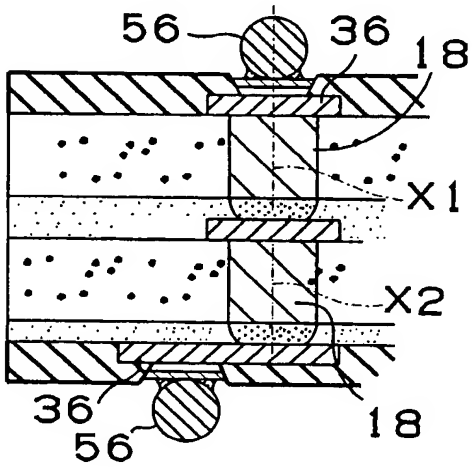

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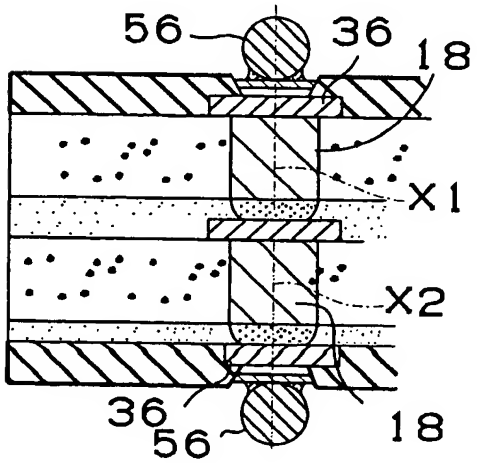

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Fig. 15

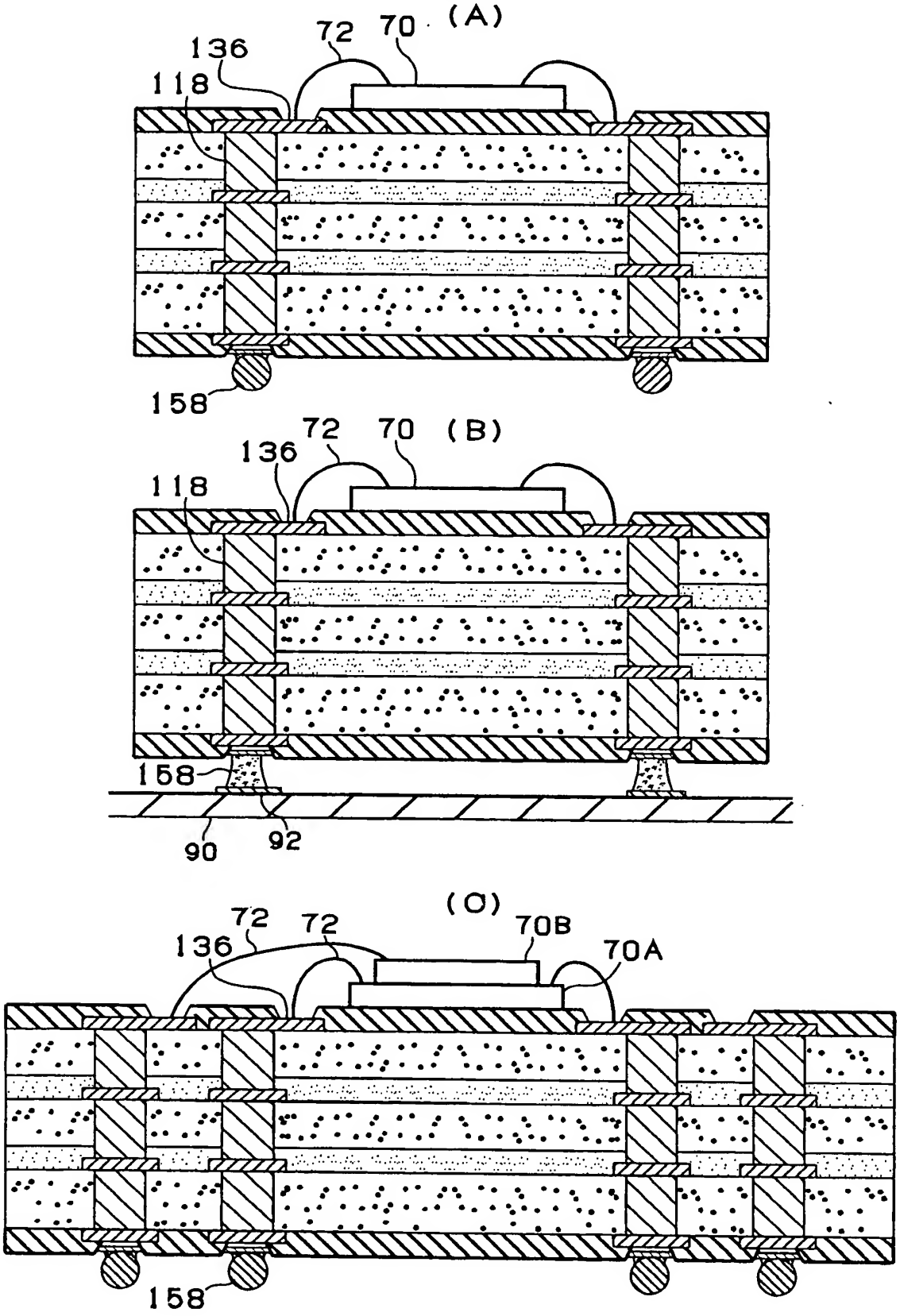

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Fig. 16

Classification	Inspection Possible/ Impossible	Repair Possible/ Impossible	500 Cycle	1000 Cycle	2000 Cycle	3000 Cycle
Example 1	Possible	Possible	○	○	○	○
Modification 1 Of Example 1	Possible	Possible	○	○	○	○
Modification 2 Of Example 1	Possible	Possible	○	○	○	○
Modification 3 Of Example 1	Possible	Possible	○	○	○	△
Modification 4 Of Example 1	Possible	Possible	○	○	○	△
Change 1 Of Example 1	Possible	Possible	○	○	○	△
Change 2 Of Example 1	Possible	Possible	○	○	○	△
Change 3 Of Example 1	Possible	Possible	○	○	△	▲
Comparative Example 1	—	Impossible	○	△	×	×
Comparative Example 2	—	Impossible	○	△	▲	×

○ : No Problem In Conduction Test On All Pieces
△ : Short-Circuit Occurrence In 1-2 Piece
▲ : Short-Circuit Occurrence In 3-4 Piece
× : Short-Circuit Occurrence In All Pieces

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Fig. 17

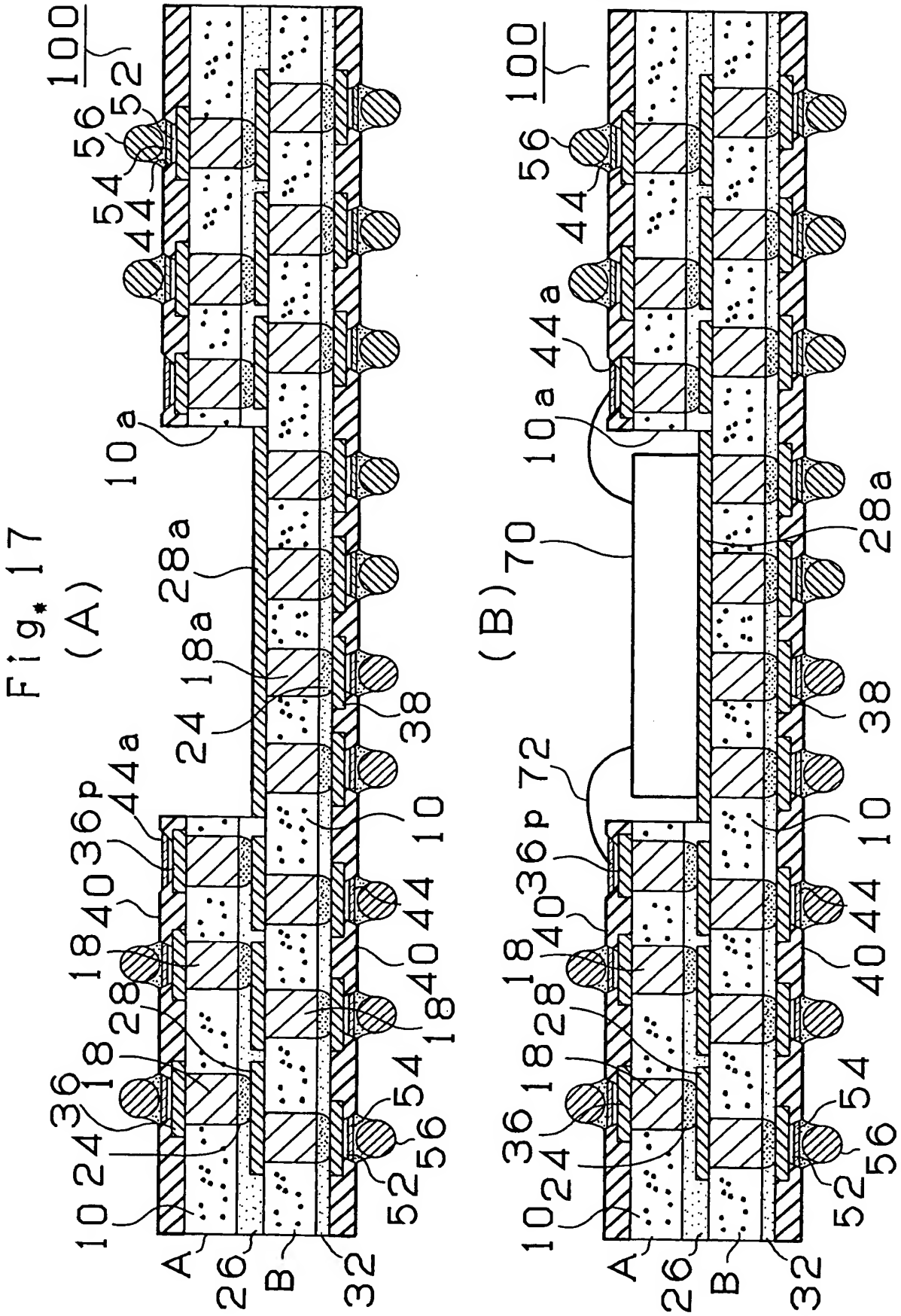

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Fig. 18

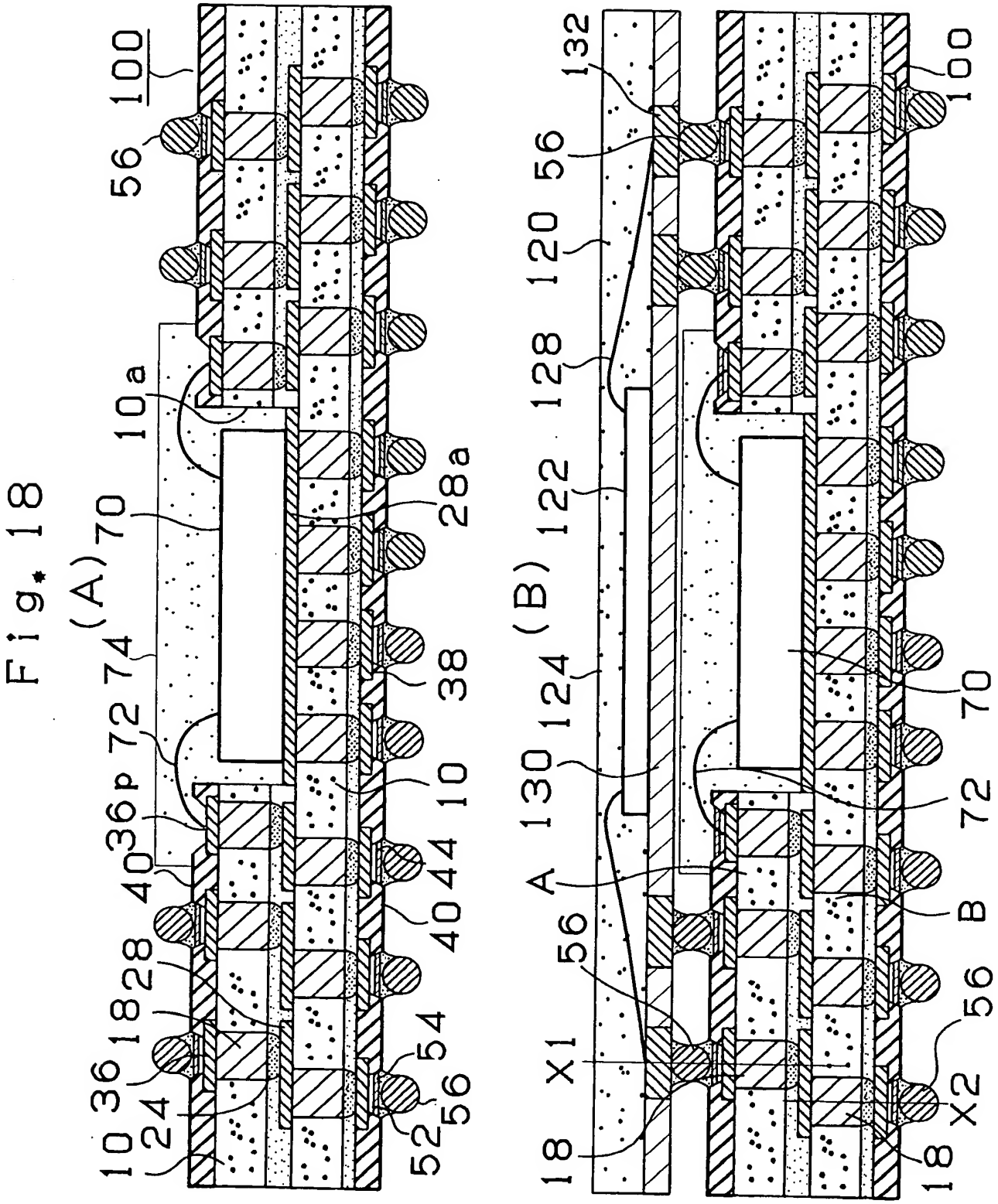

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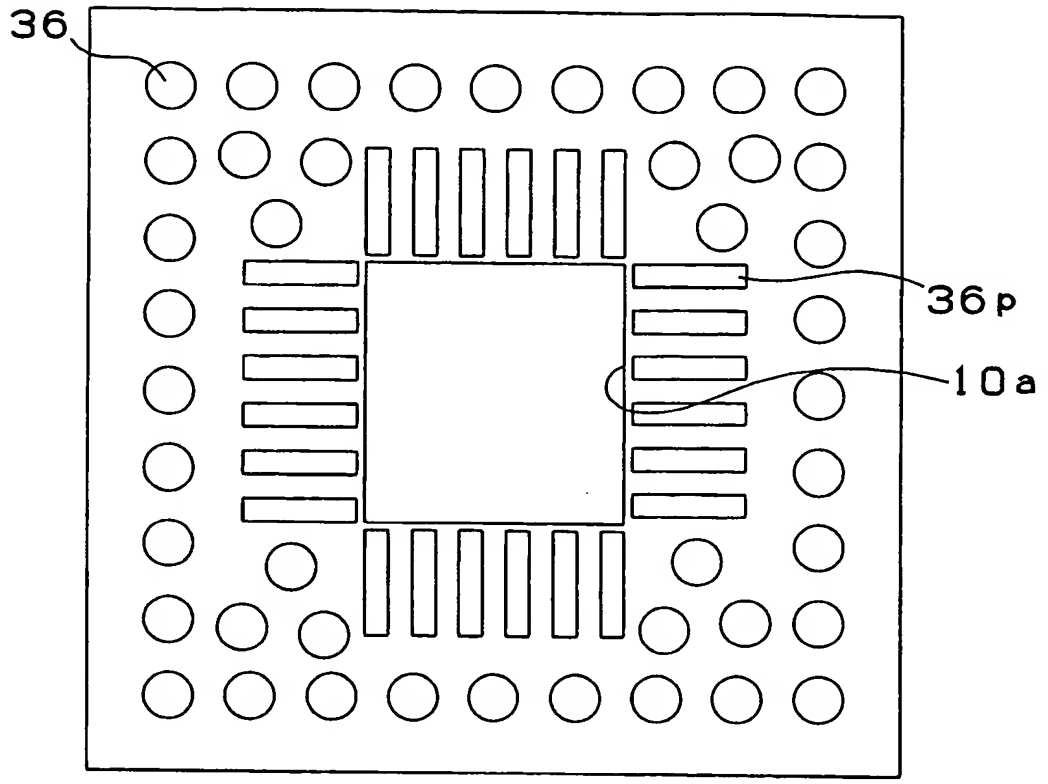
Fig. 19

(A)



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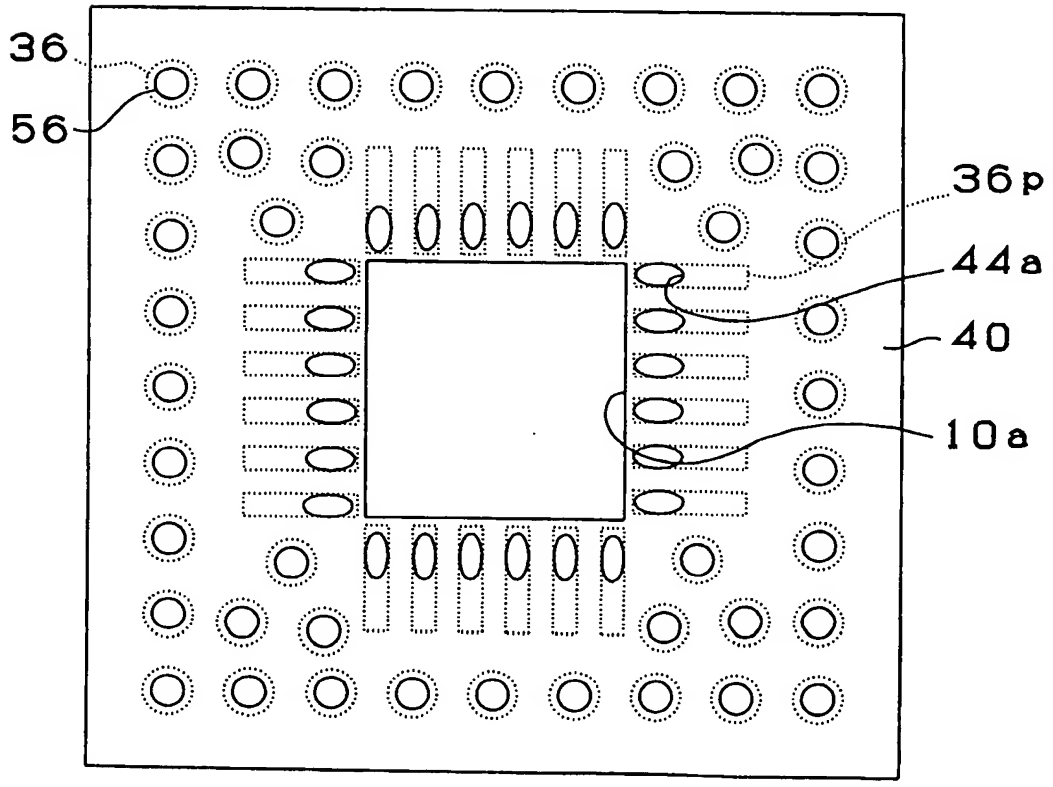

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Fig. 20

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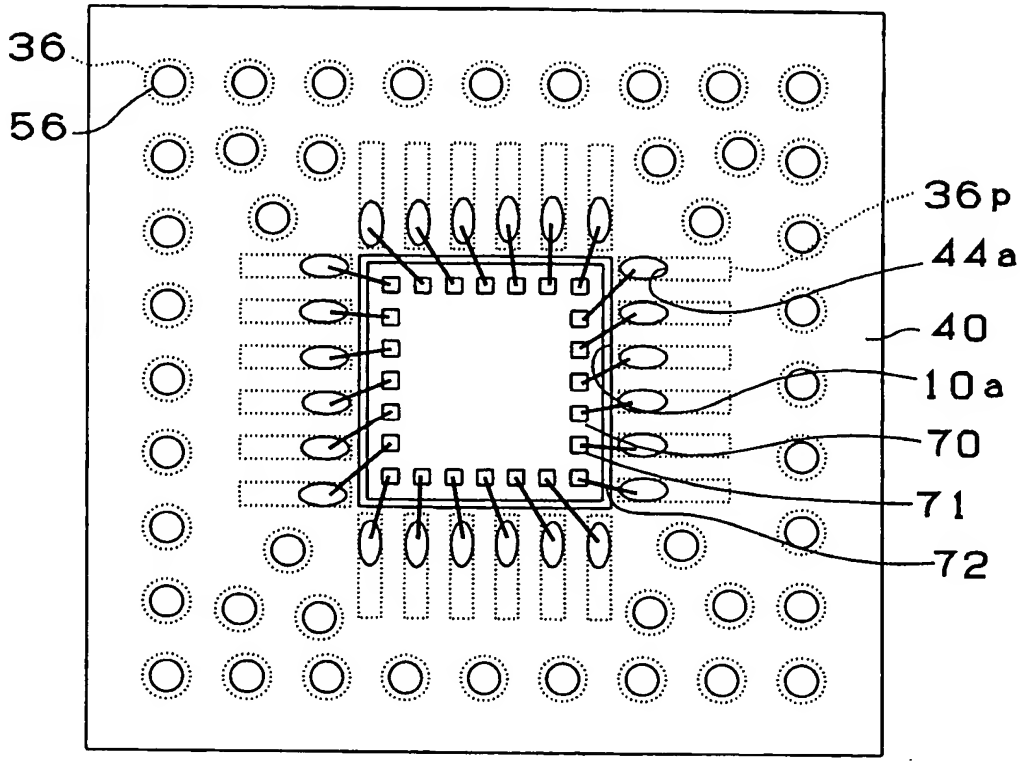

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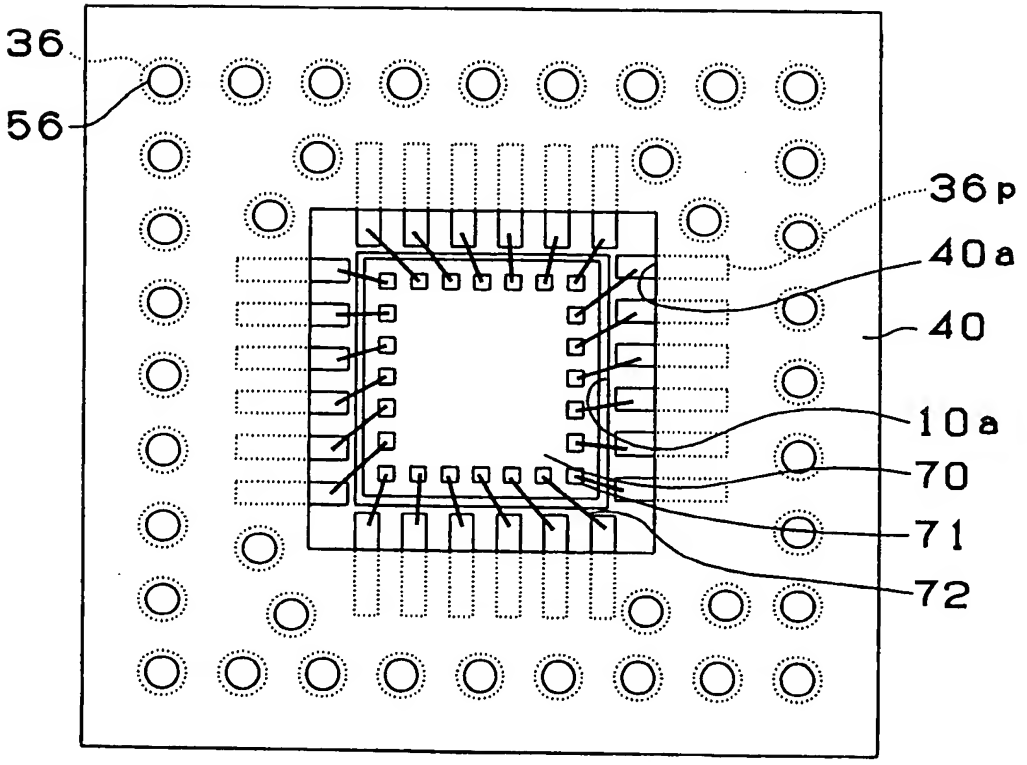

Fig. 21

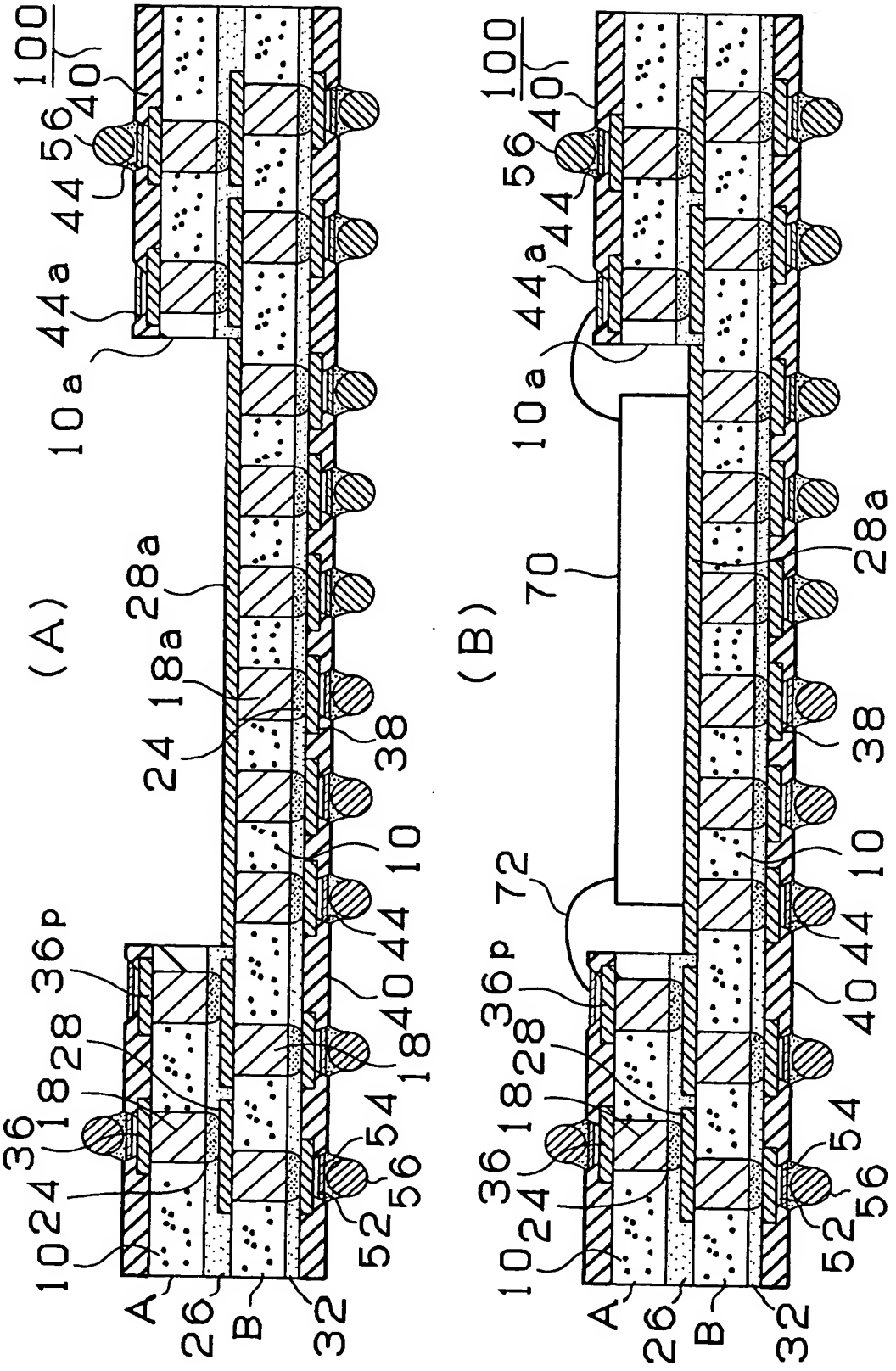
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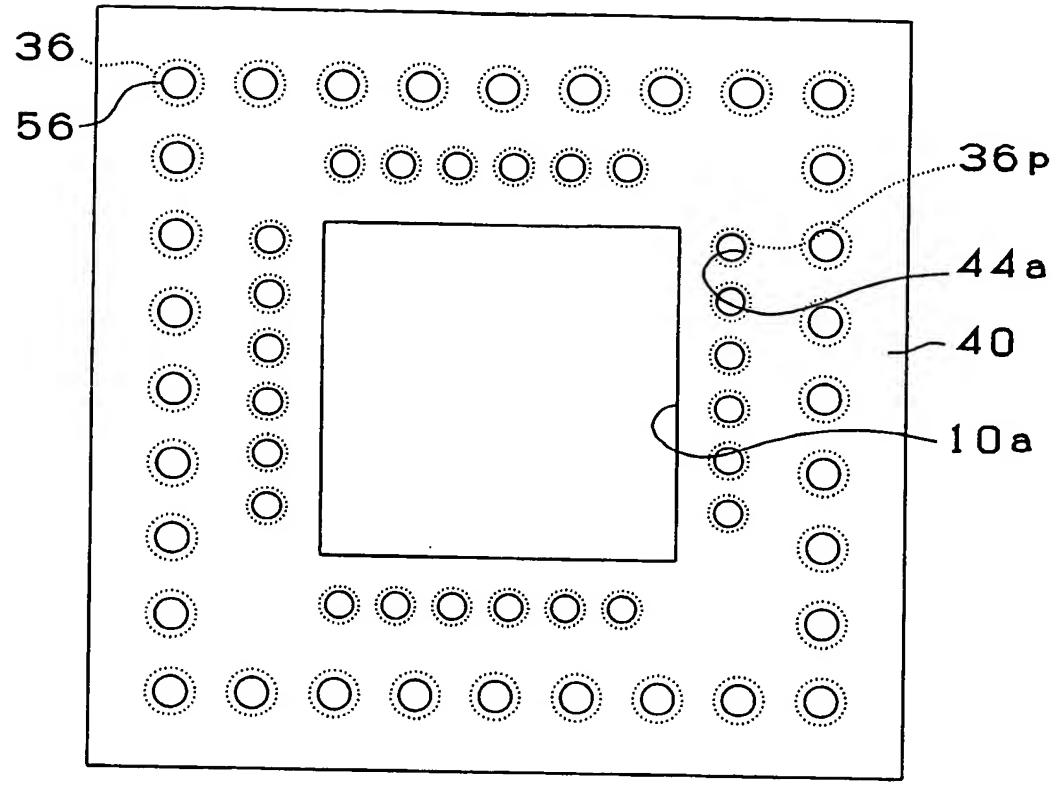
Fig. 22

(A)



(B)

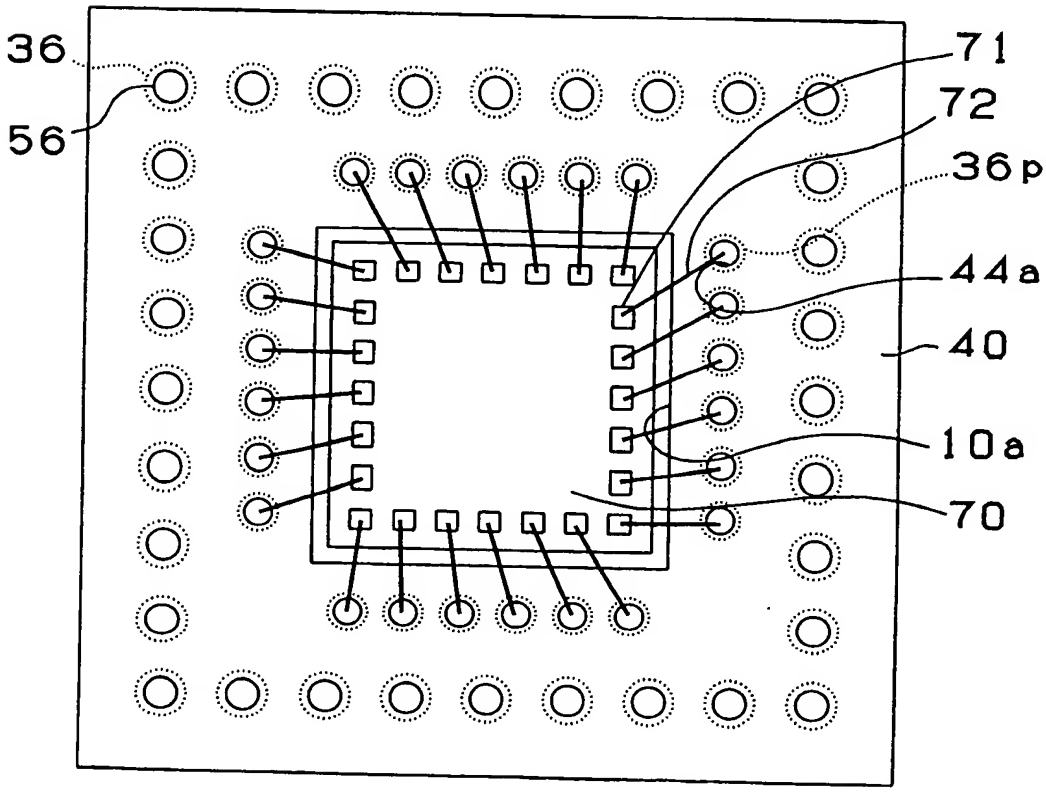


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Fig. 23

Classification	Inductance (pH)	Cycle			
		500	1000	2000	3000
Example 2	84	○	○	○	○
Modification 1 Of Example 2	83	○	○	○	○
Modification 2 Of Example 2	84	○	○	○	○
Modification 3 Of Example 2	83	○	○	○	△
Modification 4 Of Example 2	83	○	○	○	△
Change 1 Of Example 2	87	○	○	○	△
Change 2 Of Example 2	86	○	○	○	△
Change 3 Of Example 2	84	○	○	△	▲
Comparative Example 3	91	○	△	×	×
Comparative Example 4	92	○	△	▲	×

○ : No Problem In Conduction Test On All Pieces
△ : Short-Circuit Occurrence In 1-2 Piece
▲ : Short-Circuit Occurrence In 3-4 Piece
× : Short-Circuit Occurrence In All Pieces

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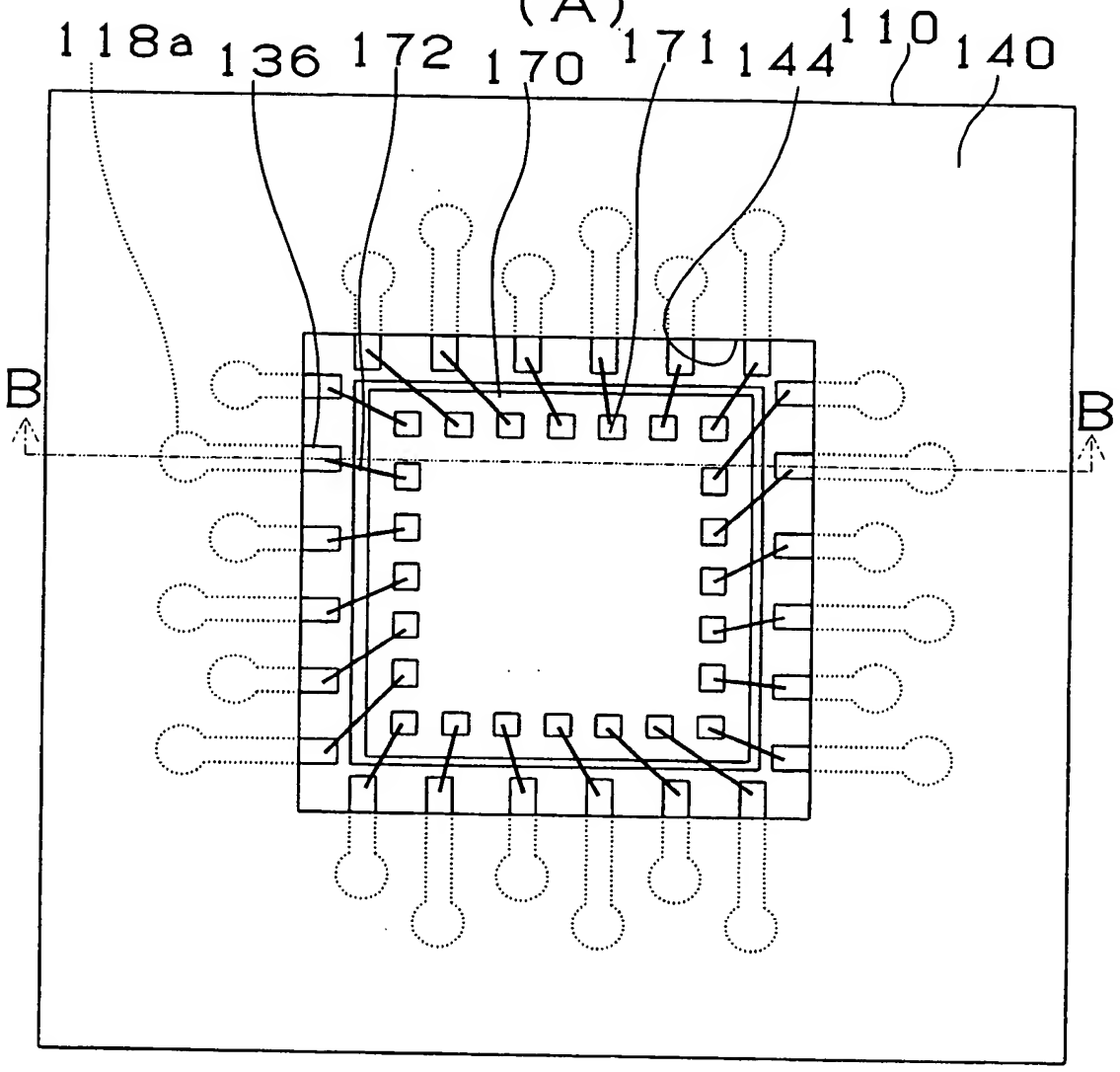
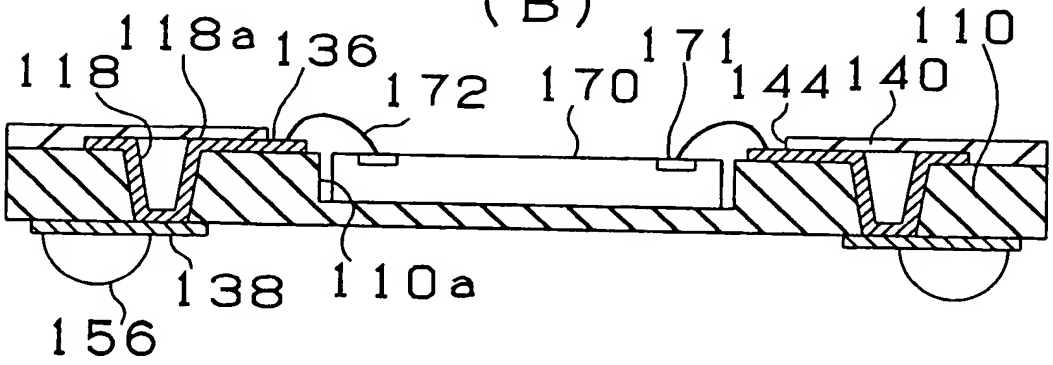
Fig.24

(A)



(B)